

# NLIC-601

## 6" IC Air-Tight Low Voltage New Construction Housing

Source: 50W max.

12V MR16 (lamp not included)

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

6" Low voltage housings provide crisp, defined MR16 halogen illumination for any application. Reduced wattage housings are useful in meeting watts per square foot requirements. A wide variety of attractive adjustable trims allow for fine-tuned aiming of directional light sources.

### CONSTRUCTION

**Plastic Frame:** 0.035 steel frame with integral bar hanger brackets. Brackets can accommodate longer 27" accessory flat bar hangers. Shipping screw installed to provide extra security for transformer during shipment - remove before installation

**Housing:** 0.035 white baked enamel one-piece drawn steel. Adjustable for ceiling thickness up to 1-3/8".

**Minimum Clearance:** "IC" Housings are direct contact rated; no minimum clearance is required

**Air Flow Restriction:** Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**Bar Hangers:** Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Hanger bars have T-Bar slot and alignment feet. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allows easy installation in a suspended ceiling.

**Junction Box:** Prewired 25 cubic inch 0.060" thick galvanized steel, with seven 1/2" knockouts, four Romex® pryouts, and snap on cover. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

### ELECTRICAL

**Input Voltage:** 120V

**Output Voltage:** 12V

**Socket:** Bi-Pin GU5.3 socket with heat shield

**Wattage:** 50W max.

**Lamp:** AR111 or MR16 (not included)

**Transformer:** Magnetic

### COMPATIBLE TRIMS

**NL-610W** = Adjustable Baffle, White

**NL-645** = Adjustable Slot Aperture, White

**NL-665W** = Surface Round Spot, White

**NL-680W** = Adjustable Elbow, White

### OPTIONAL ACCESSORIES

**NRA-28/0.5IN** = 27" Flat Bar Hangers

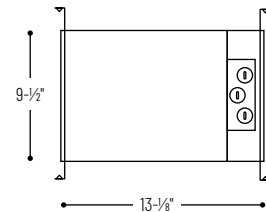
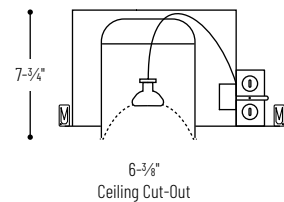
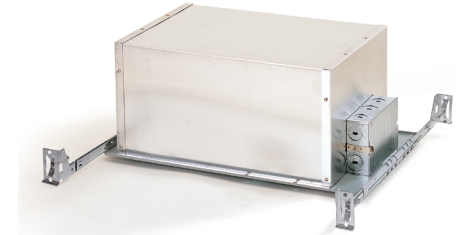
**NRA-36** = Replacement socket with heat shield

### LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through
- Meets or exceeds ASTM-283 Air-Tight Requirements



### PRODUCT IMAGES & DIMENSIONS



## 6" IC Air-Tight Low Voltage New Construction Housing

Catalog No.

**NLIC-601QAT** = 6" IC Air-Tight Low Voltage New Construction Housing, 120V Magnetic, 50W max.

## Optional Accessories

Catalog No.

**NRA-28/0.5IN** = 27" Flat Bar Hangers

**NRA-36** = Replacement socket with heat shield

Example: **NLIC-601QAT** = 6" IC Air-Tight Low Voltage New Construction Housing, 120V Magnetic, 50W max.